



EDGE
PROCESSING

ART. DM - VERTICAL DRILLING AND MILLING MACHINE



FOREL

Art. DM - DRILLING AND MILLING MACHINE

Enhanced with specific measures to guarantee precision and stability, the Art. DM vertical drilling and milling machine is an irreplaceable resource for both stand-alone use and within an edge processing line.

With this solution too, the quality of glass pane processing depends a great deal on its **stability** while the various tools are being used.

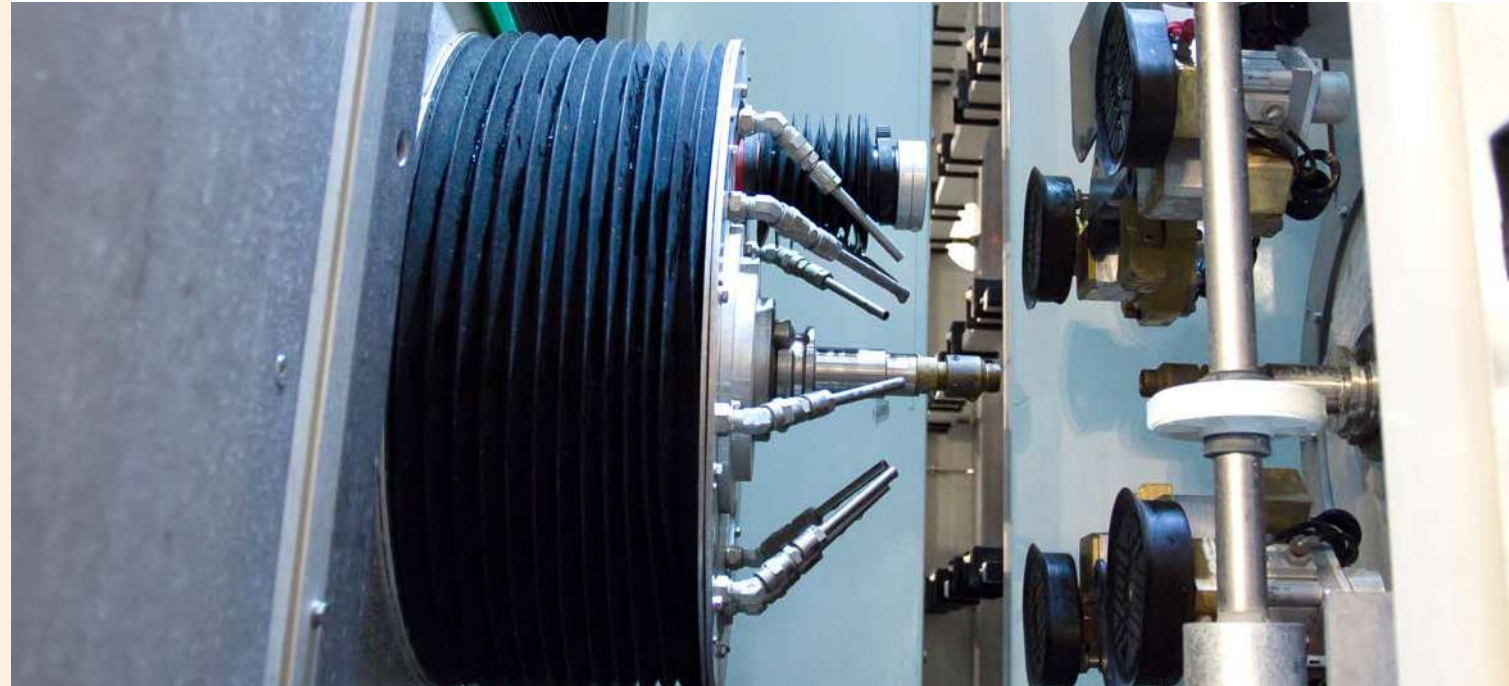
The **Art. DM** drilling and milling machine is equipped with two independent and opposing operating heads. Both use an **automatic tool change system**, with 6 + 8 places.

Always with an eye to ensuring the maximum possible stability, the Art. DM is equipped with two exclusive suction cup systems (both patented).

The **first set of fixed suction cups** offers a firm grip on the pane at the sides of the processing area. A **second set** of smaller suction cups provides greater stability close to the tools. These can be positioned in different ways to suit the operator's needs.

In addition, the operating head can be contrasted if necessary with a **buffer**: in this way, the tool that is drilling the pane has a counterpiece on the other side, so the applied pressure is perfectly targeted.

Thanks to these details and others, drilling and milling tasks can be carried out with the utmost precision, making Art. DM the first choice for those who want to compete for the most prestigious - and demanding - job orders.

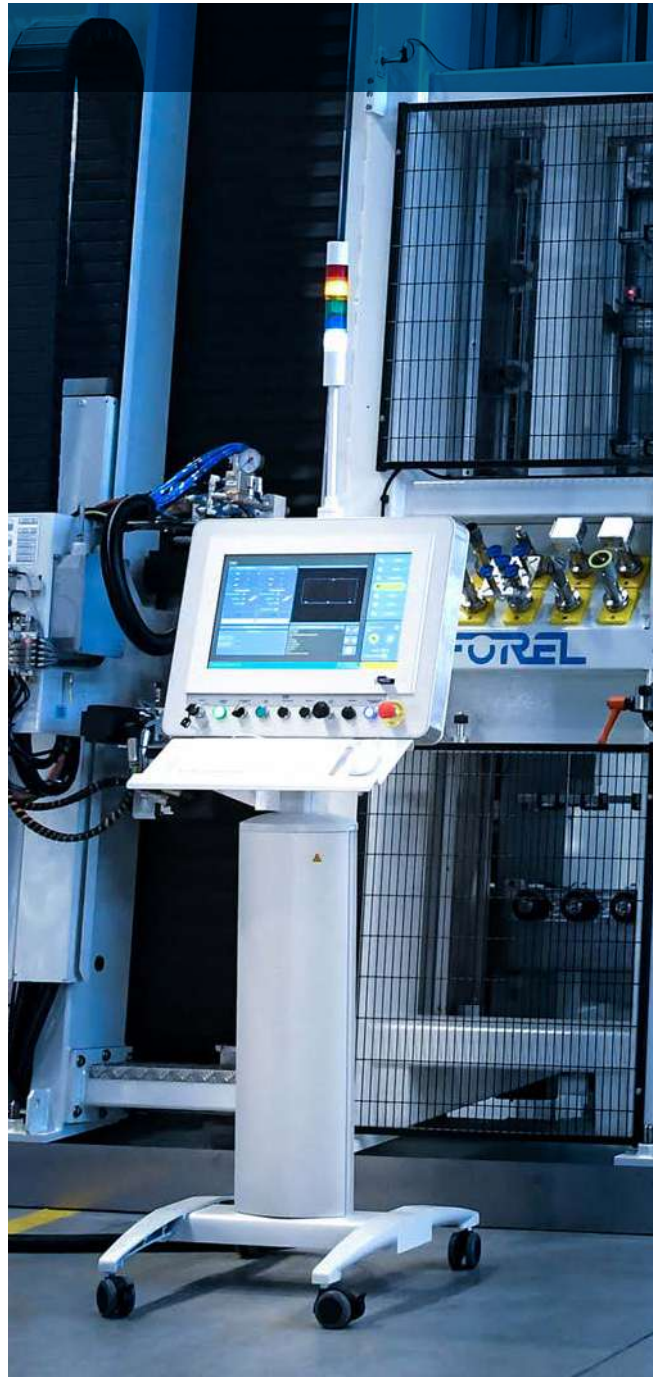


DEDICATED SOFTWARE

Art. DM has been equipped with a specially developed **CAD-CAM software** for the acquisition and modification of the glass pane drawing and the creation of the tool path.

Thanks to this, it is possible to better manage some specific and unique operations of **Art. DM**, optimising settings, processing times and the final quality of the result.

The **diagnostics system** informs the operator in real time of any irregularities and immediately gives indications for resolving them.



EXTRA TOOLS

An **additional system of suction cups** can be attached directly to the rear spindle (photo below).

In addition to ensuring greater stability during drilling and milling, the rear suction cup group can retain and accompany the larger scraps to the collection tank.

Alternatively, for the execution of particular processing operations, a **buffer** can be set in contrast to the tool. The said pad can be applied **both on the rear spindle and on the front spindle**.



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Family **EDGE PROCESSING**
Type **VERTICAL DRILLING AND MILLING MACHINE**

Technical characteristics

Drilling and milling machine models	DM04020	DM04525	DM05028	DM06033
Height (mm)	3.950	3.950	4.250	4.750
Length (mm)	12.085	12.085	13.185	15.085
Depth (mm)	3.500	3.500	3.500	3.500
MAX pane length (mm)	4.000	4.500	5.000	6.000
MAX pane height (mm)	2.000	2.500	2.800	3.300
MAX pane weight (kg/linear metre)	200			
Automatic tool change	8 tools (front) + 6 tools (rear)			

*Forel is constantly working on the development of new solutions.
Some data present in this leaflet may differ from the models available on the market.

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